



State of

project  
*Renaissance*

May 2009



# Agenda

- Status of the project – recap
- Research phase update
- Design phase update
- What's next?
- Q&A

# Mission Statement

“Create a **User Interface** so that  
OpenOffice.org becomes **the users'**  
**choice** not only out of **need** but also  
out of **desire**”

# Goal Statement

... to know and **to understand** our users as they are, and to help them accomplish **what they want to**, by providing efficient access to valuable functionality through a desirable user interface.

# I. Research Phase Update

# Research – Deinstallation Survey

- New Survey on deinstalling OOo (Rosana)
  - > How many users deinstall OOo and why?
  - > Survey is ready and is in localization phase
  - > Will be released with OOo 3.2

# Research – User Survey 2009

- OpenOffice.org User Survey 2009
  - > More than 125K responses within three months
  - > Stable results posted at the [OOo wiki](#)
  - > See also [March status presentation](#) for findings
  - > [Survey](#) available in 5 languages
  - > Worldwide participation...

# Research – User Survey 2009

## > Participation by Country



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Data SIO, NOAA, U.S. Navy, NGA, GEBCO

9°20'29.02" S 63°05'03.39" W Höhe 163 m

powered by OOo Calc

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# Research – Isometrics @ Sun

- Motivation
  - > VBG results are too vague
  - > Validate office-specific version of IsoMetrics-S
- Research questions
  - > How do users rate the quality of Impress?
  - > Where exactly are the pain-points?
- Action
  - > Get BV first
  - > Roll out IsoMetrics-S inside Sun Germany

# Research – User Feedback Program

- Research questions
  - > Which functions need easy access? (20%)
  - > Which functions can be “relocated” to reduce complexity? (80%)
  - > Which functions are not used at all?
  - > Which usage patterns emerge?

# Research – User Feedback Program

- First impressions
  - > The functionality is well accepted
  - > We get more data than we can process
- Ready to guide design decisions?
  - > Functions that span over all apps are well represented
  - > Still, too many variables are unclear
    - Not all functions can be tracked
    - Not always it is clear where the calls come from
- Side remark
  - > Usage statistics do NOT solve broken work-flow
  - > Usage statistics do NOT replace creative UX work

## II. Design Phase Update

# Design Phase – What was planned

- Incorporate research data
  - > Analyze data to understand usage/users
  - > Create personas based on the analysis
- Focus on the personas' characteristics
  - > Create scenarios for key functionalities
- Define information architecture from the scenarios
  - > Flow charts
- Generate design ideas using the scenarios
  - > Paper prototypes
  - > Clickable slides
  - > Dynamic prototypes

# Design Phase – What happened

- Incorporate research data
  - > Analyze data to understand usage/users
  - > Create personas based on the analysis
- Focus on the personas' characteristics
  - > Create scenarios for key functionalities
- Define information architecture from the scenarios
  - > Flow charts
- Generate design ideas using the scenarios
  - > Paper prototypes / wire frames
  - > Clickable slides
  - > Dynamic prototypes

# Design Phase – Wrap-up

- Call for Design Proposals (2009-04-20)
- Work Phase (2+1 weeks)
  - > Individuals or teams used their creative energy to develop their own designs.
- Publish the Design Proposals (2009-05-11)
  - > The authors published the design proposals on separate pages in the OpenOffice.org wiki.
- Review the Submissions (2 weeks)
  - > The proposals have been commented by the whole community.

# Design Phase – Wrap-up

- Final date for Revised Versions (2009-05-25)
  - > This was the due date for the authors to present their revised design proposals [in the wiki](#).
- **Presentation of Results**
  - > Analyzing and presenting the results, e.g. publishing some statistics what material is available.



# Design Phase – Proposal Principles

- The purpose of the collection of design proposals is to brainstorm for as many proposals as possible without interference
- The focus is set on:
  - > Information architecture (e.g. grouping of elements, labeling of elements, integration of elements, prioritization of elements)
  - > Interaction design (e.g. task mapping, work flow)
  - > The focus is **not on visual design** (e.g. gradients, shadows, transparency)

# Design Phase – Proposal Principles

- The goals are to:
  - > Help users to find and use essential functionality more easily
  - > Help users to gain in expertise quickly
  - > Help users to create eye-catching documents in less time
- The design directives are to:
  - > Minimize clutter and maximize consistency (similar elements are grouped and positioned in similar ways)
  - > Minimize redundancy and maximize relevancy (required information is revealed on demand)
  - > Minimize recall and maximize recognition (visual decision aids are provided when they are beneficial)

# Design Phase – Proposal Principles

- The constraints are:
  - > Do not remove functionality in OpenOffice.org that is currently available
  - > Do not add functionality in OpenOffice.org that is not available
  - > Be visually scalable (the target screen size is 1.024 x 768 pixels, but if you want you may even think of netbooks 1.024 x 600 ... large screens 2.560 x 1.600)

# Design Phase – Proposal Principles

- The required UI ingredients are
  - > Global navigation (e.g. menu)
  - > Local navigation (e.g. toolbars)
  - > Contextual navigation (e.g. context menu)
  - > Supplemental navigation (e.g. selecting slides)
- The task focus is on Impress
  - > Creating and editing of presentations
  - > Managing presentations
  - > Reviewing presentations
  - > Running presentations

# Design Phase – Proposal Overview

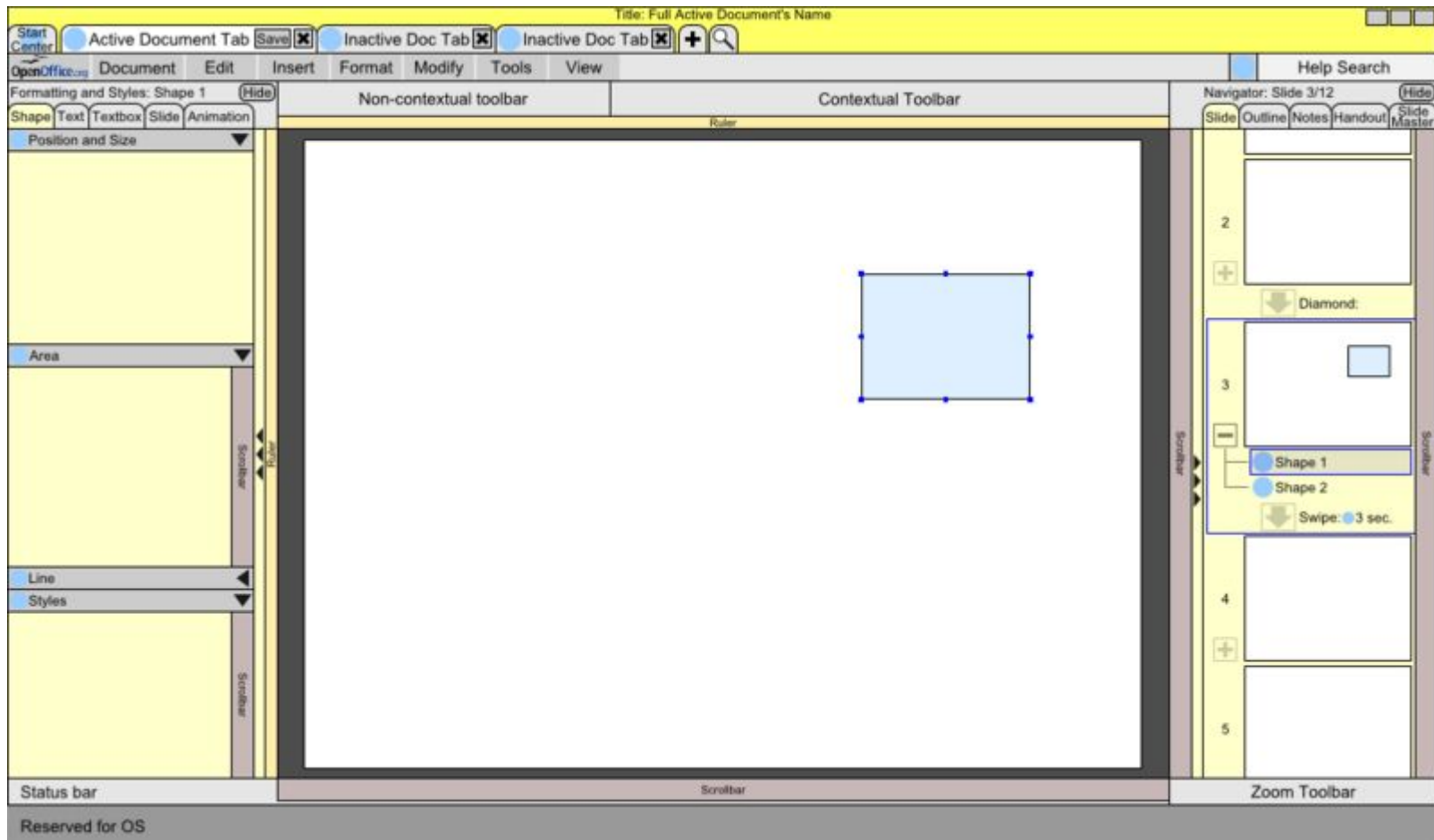
The following mock-ups are just a subset.

Please visit the [OOo Wiki](#) for a full overview!



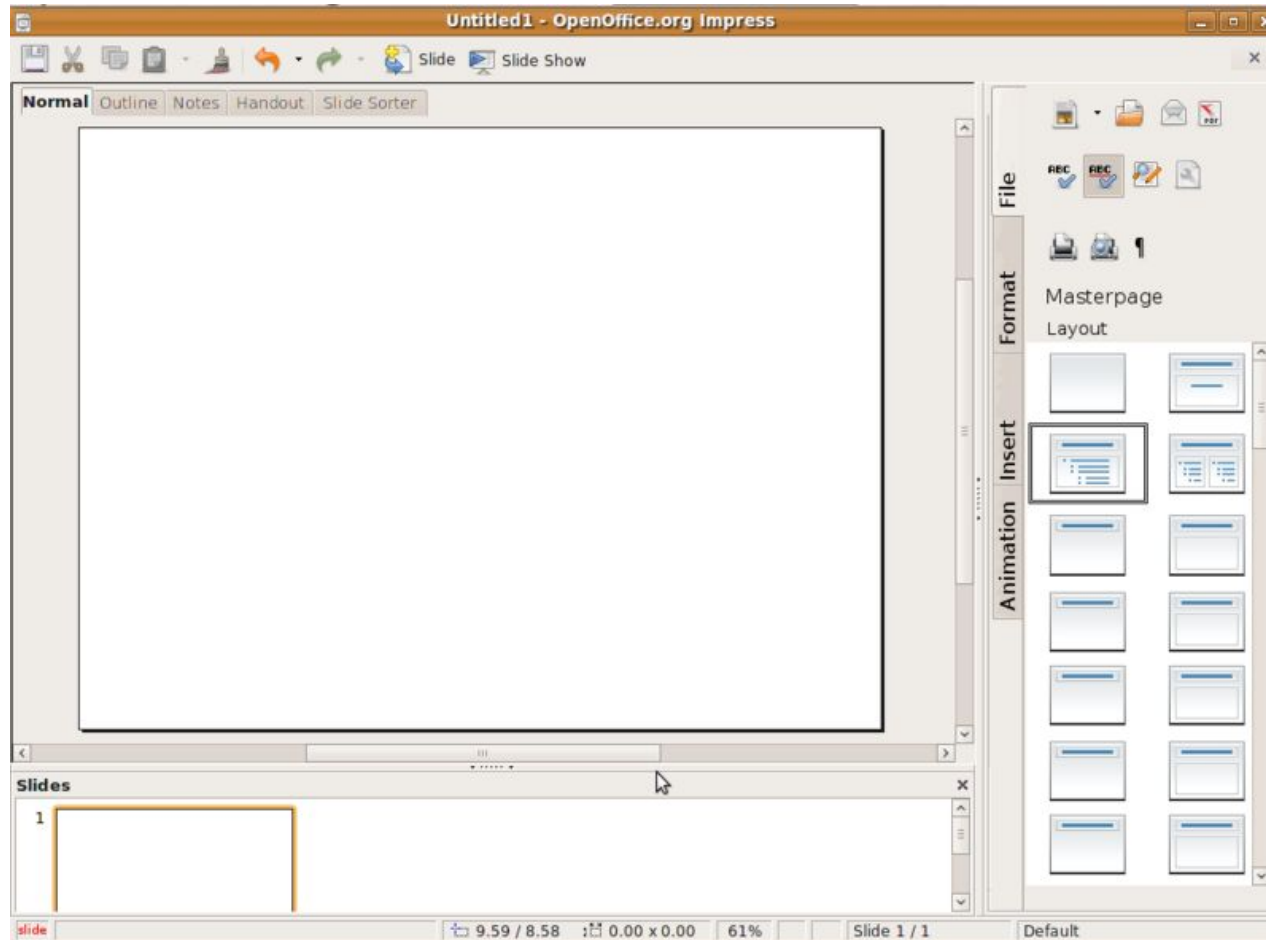
# Design Phase – Proposal Overview

> Jaron Baron - “DaVinci”



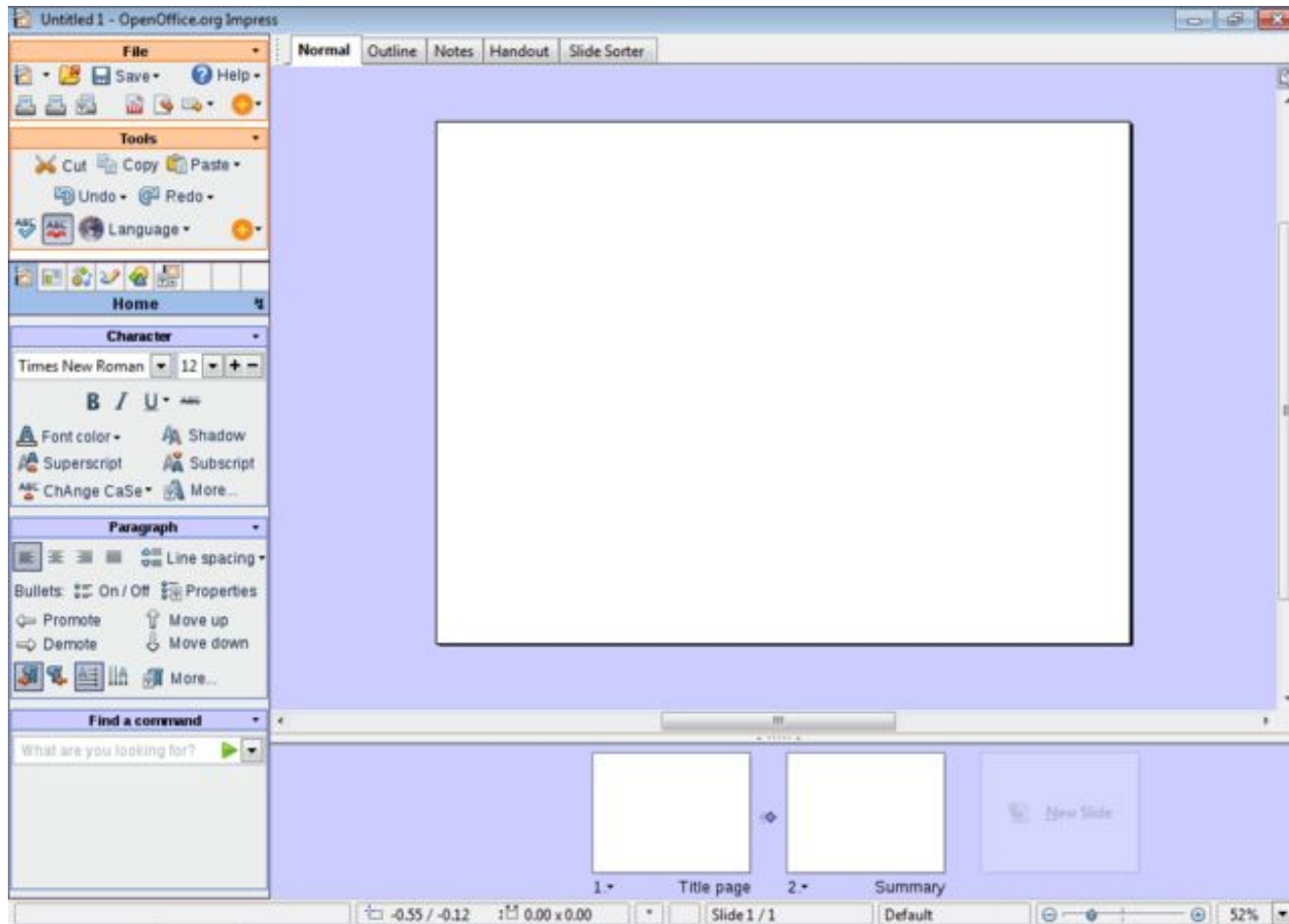
# Design Phase – Proposal Overview

## > Constantin Bürgi - "Complete Sidebar Design"



# Design Phase – Proposal Overview

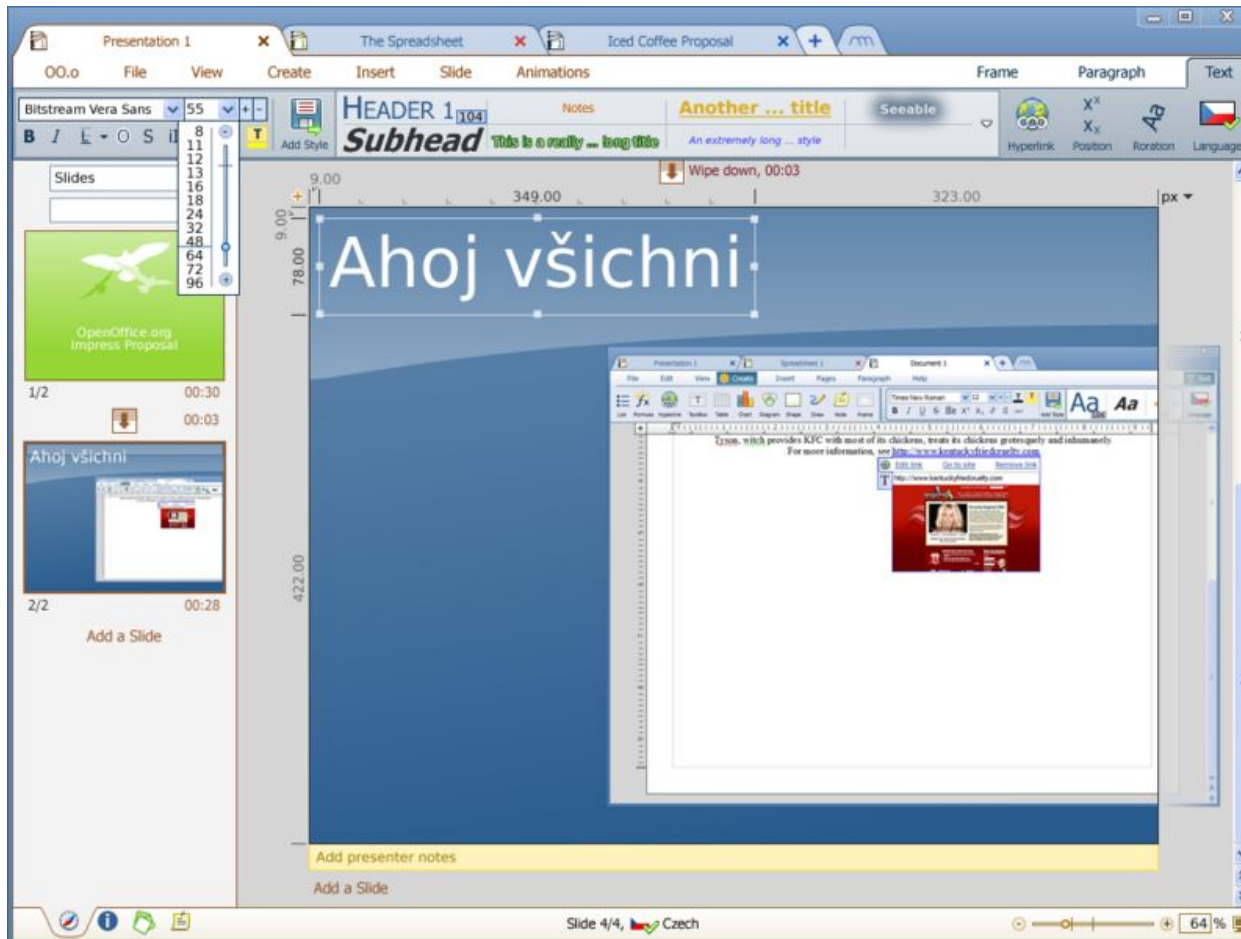
> Johannes Eva - “Martinů”





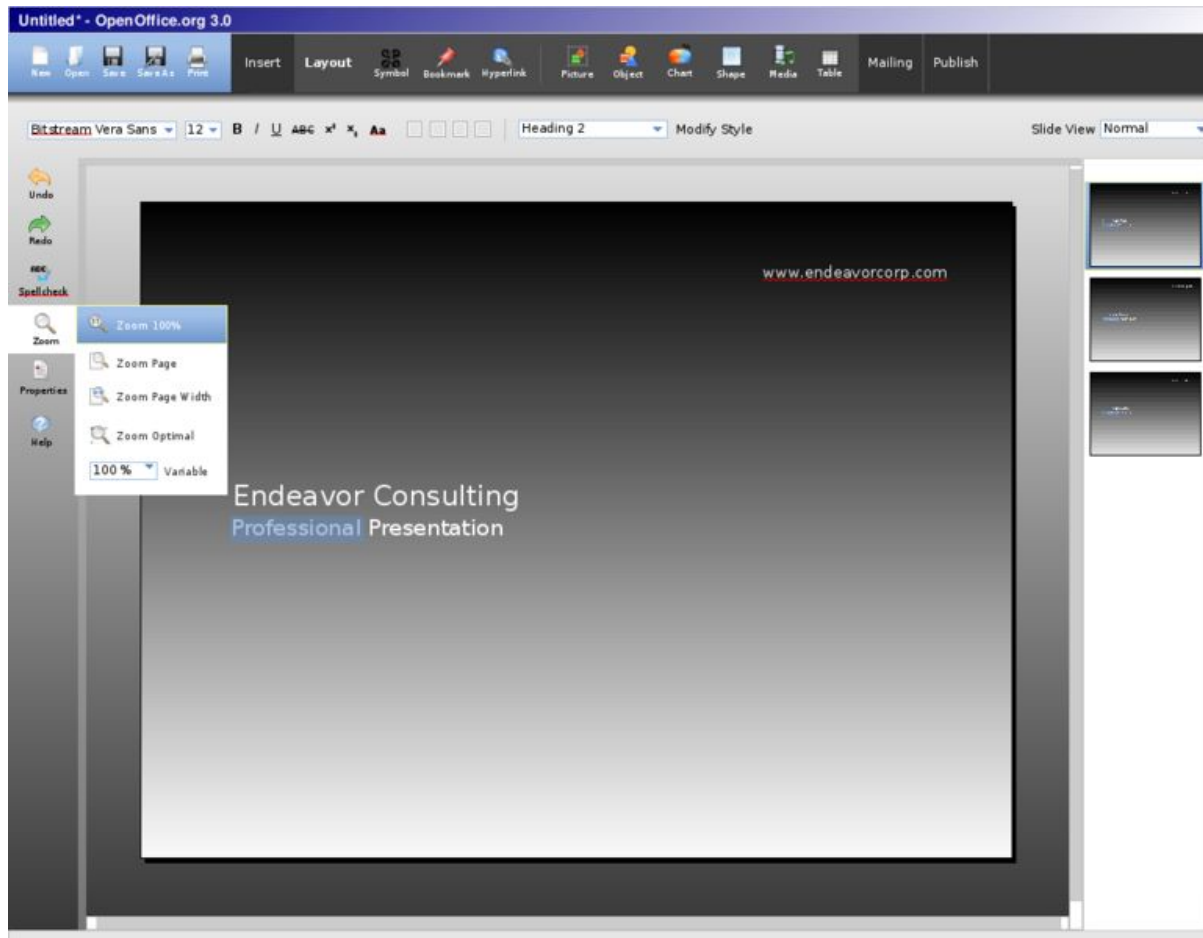
# Design Phase – Proposal Overview

## > Miroslav Mazel - “Iced Coffee”



# Design Phase – Proposal Overview

> Knoxy - “FLUX UI”



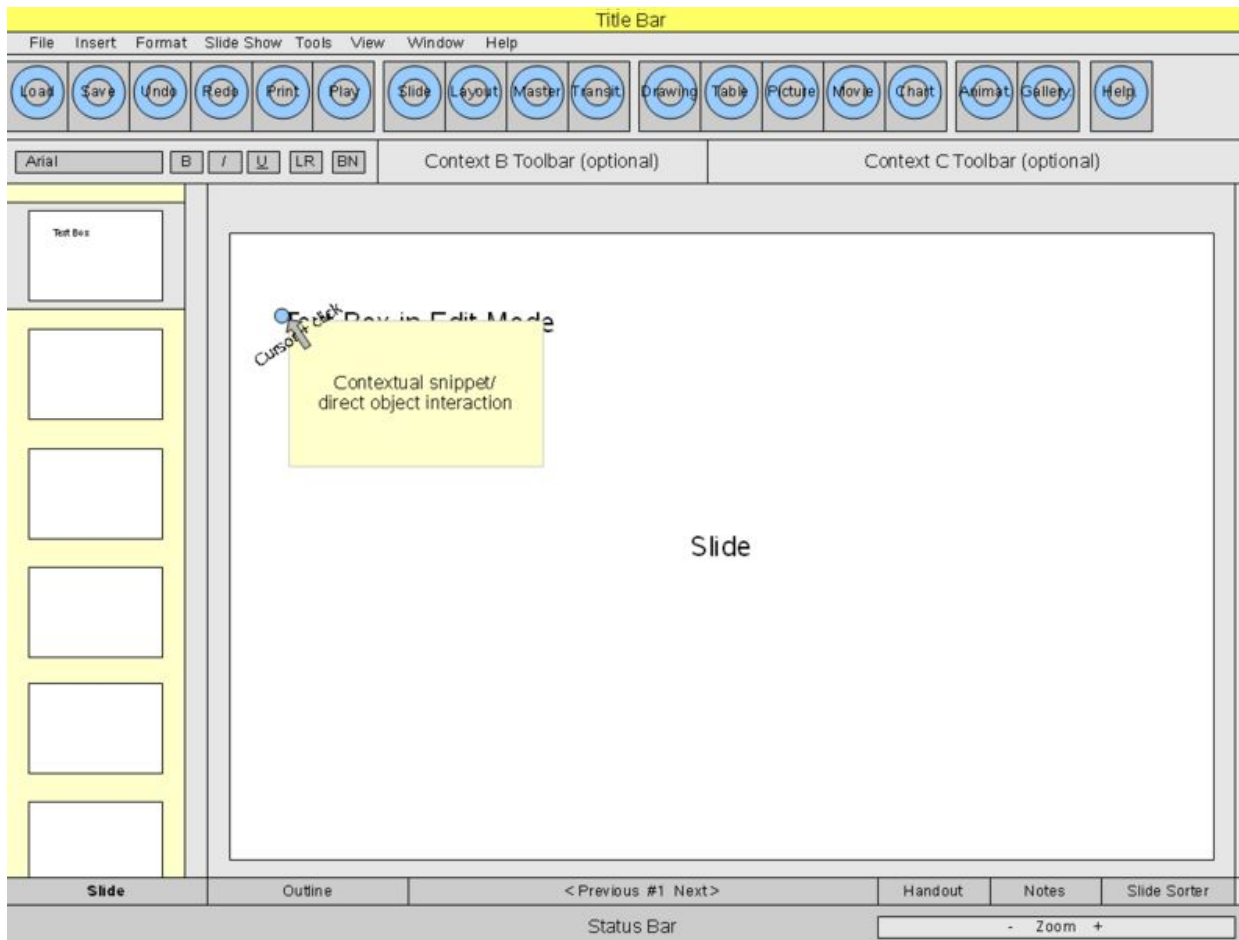
# Design Phase – Proposal Overview

## > Rodrigo Carvalho - "Simple UI"



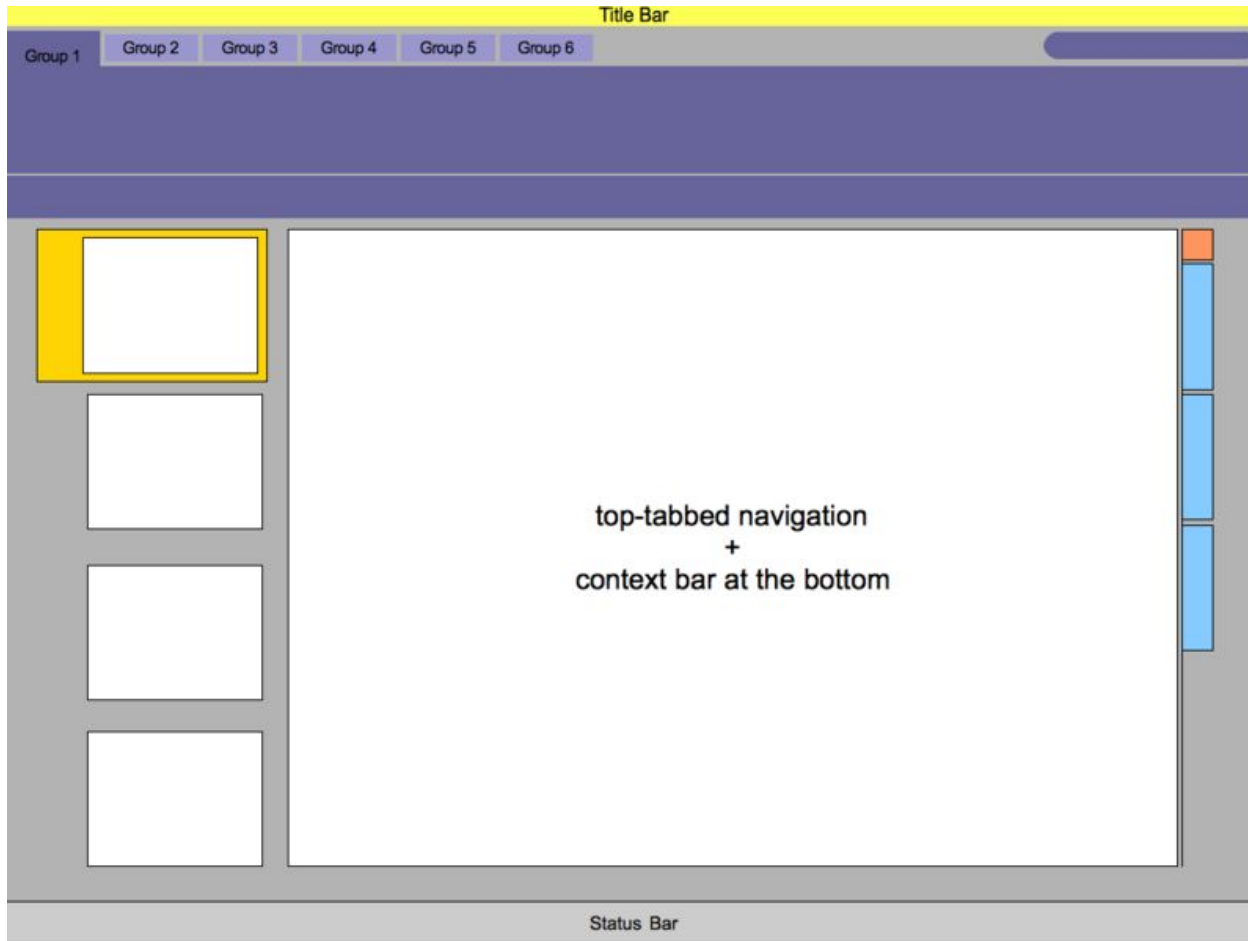
# Design Phase – Proposal Overview

## > Frank Loehmann - “Context. Menus & Toolbars”



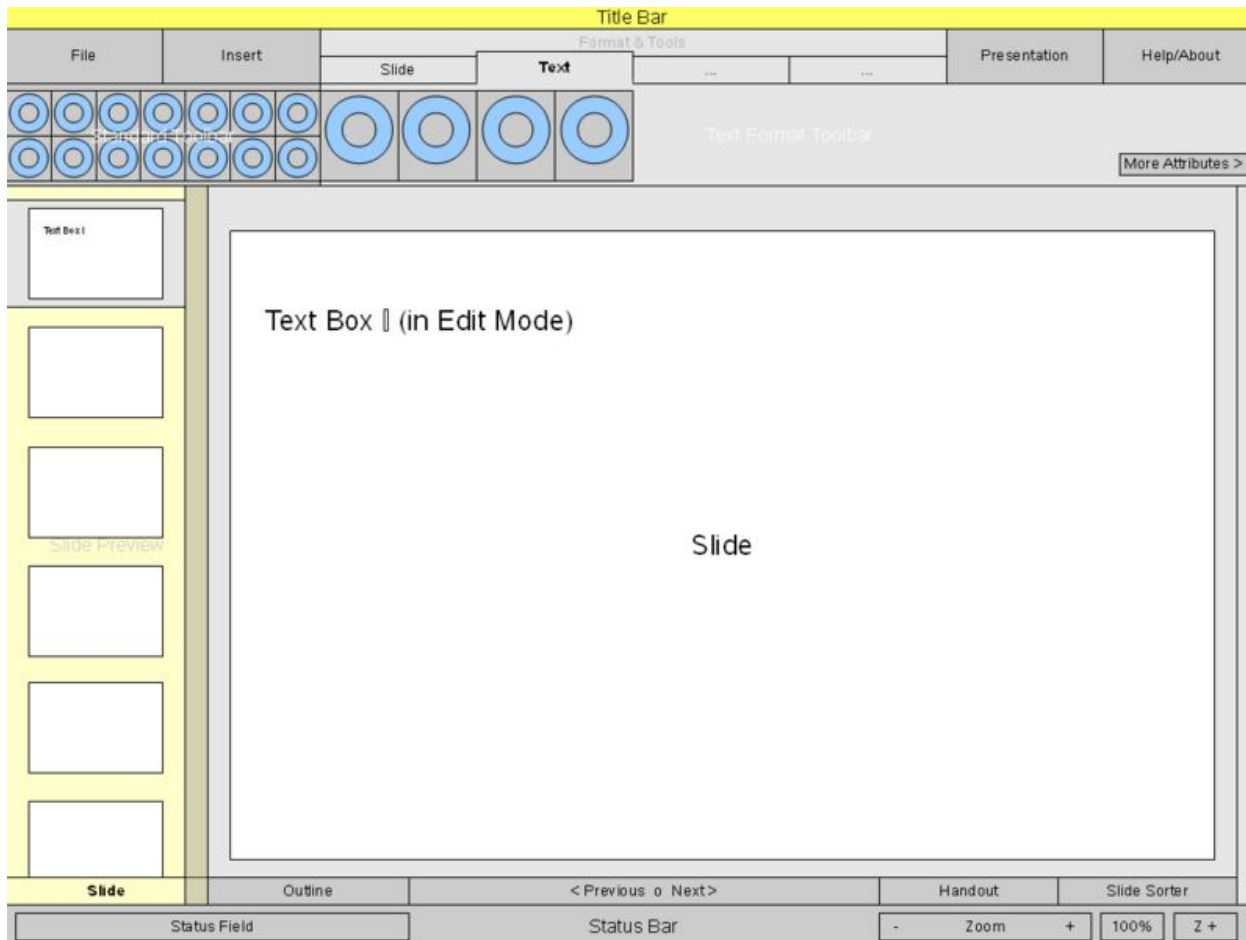
# Design Phase – Proposal Overview

## > Andreas Bartel - "Tabbed & Menu-Based Navig."



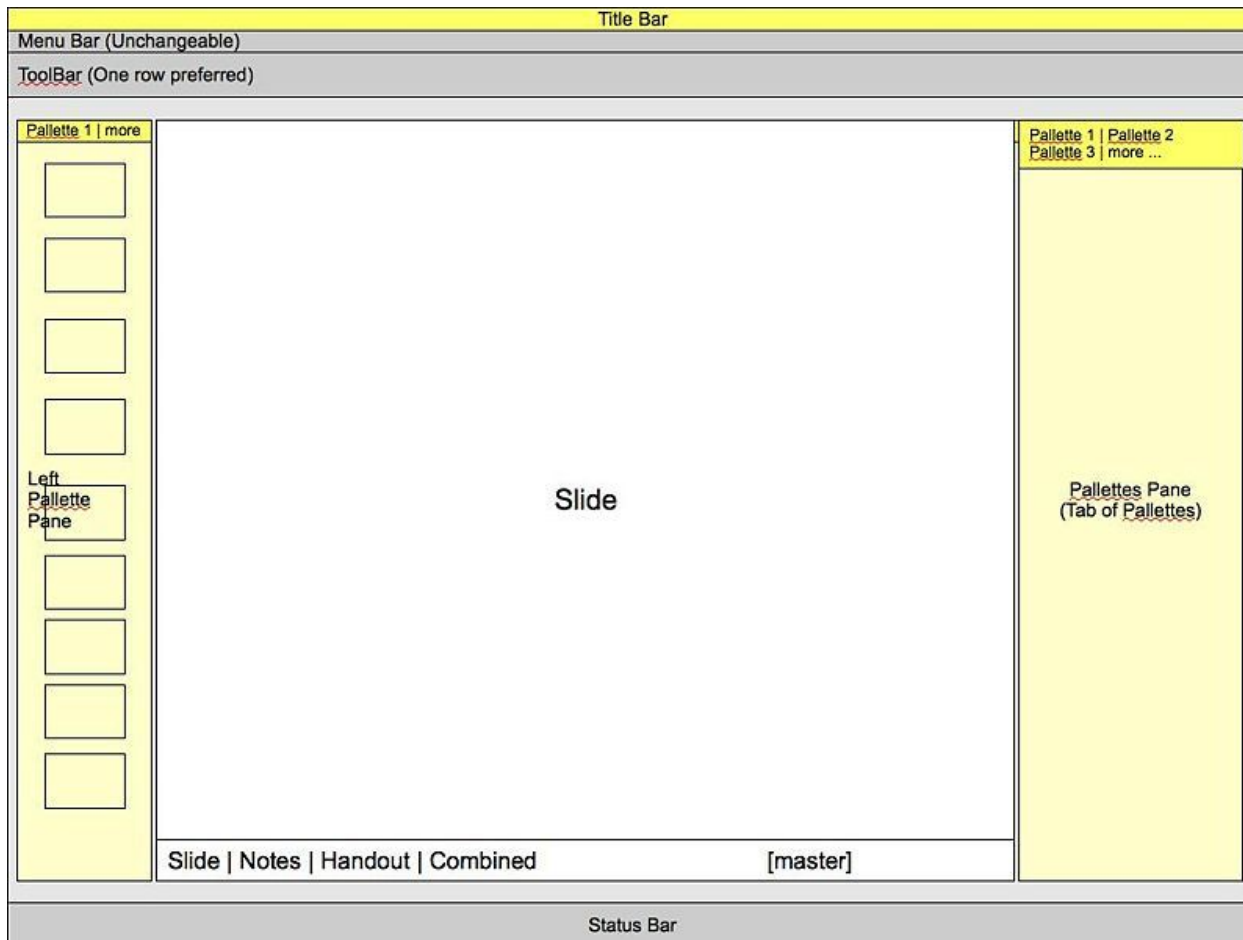
# Design Phase – Proposal Overview

## > Jansen/Loehmann - “Context. Toolbars”



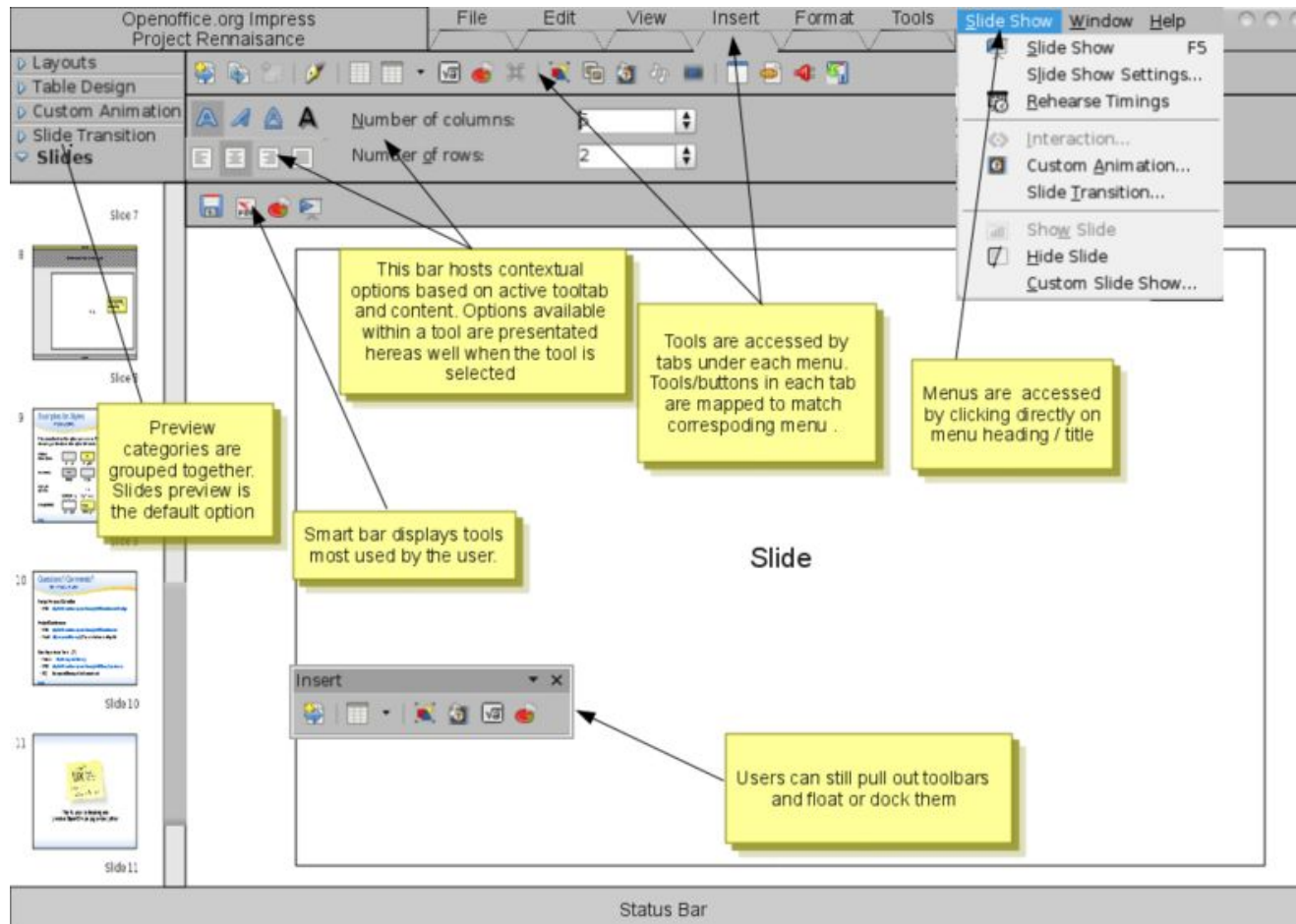
# Design Phase – Proposal Overview

## > Cinly Ooi - "Control Panel and More"



# Design Phase – Proposal Overview

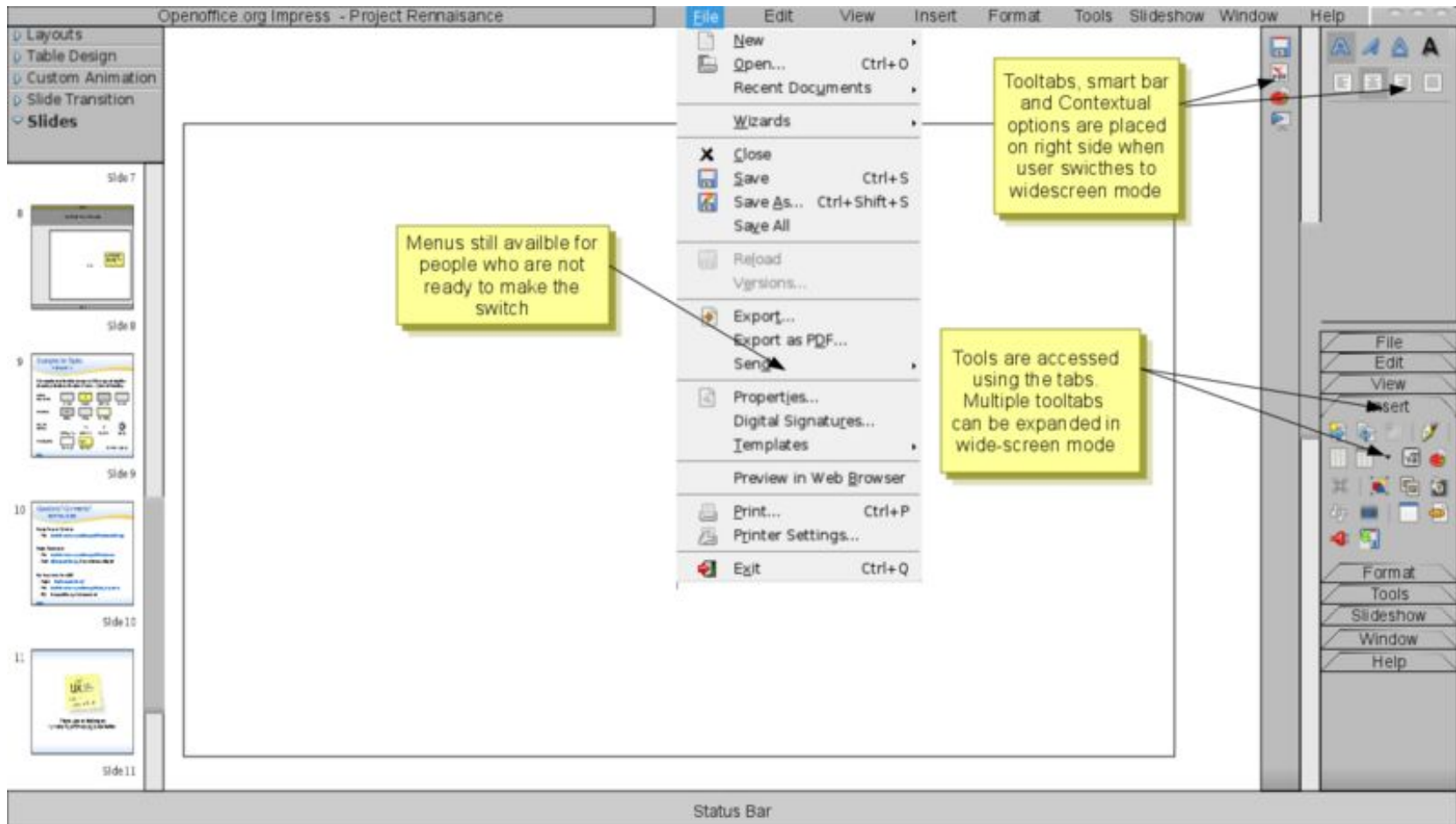
## > Ajay Shyanbhog - “Hybrid UI” (4:3)





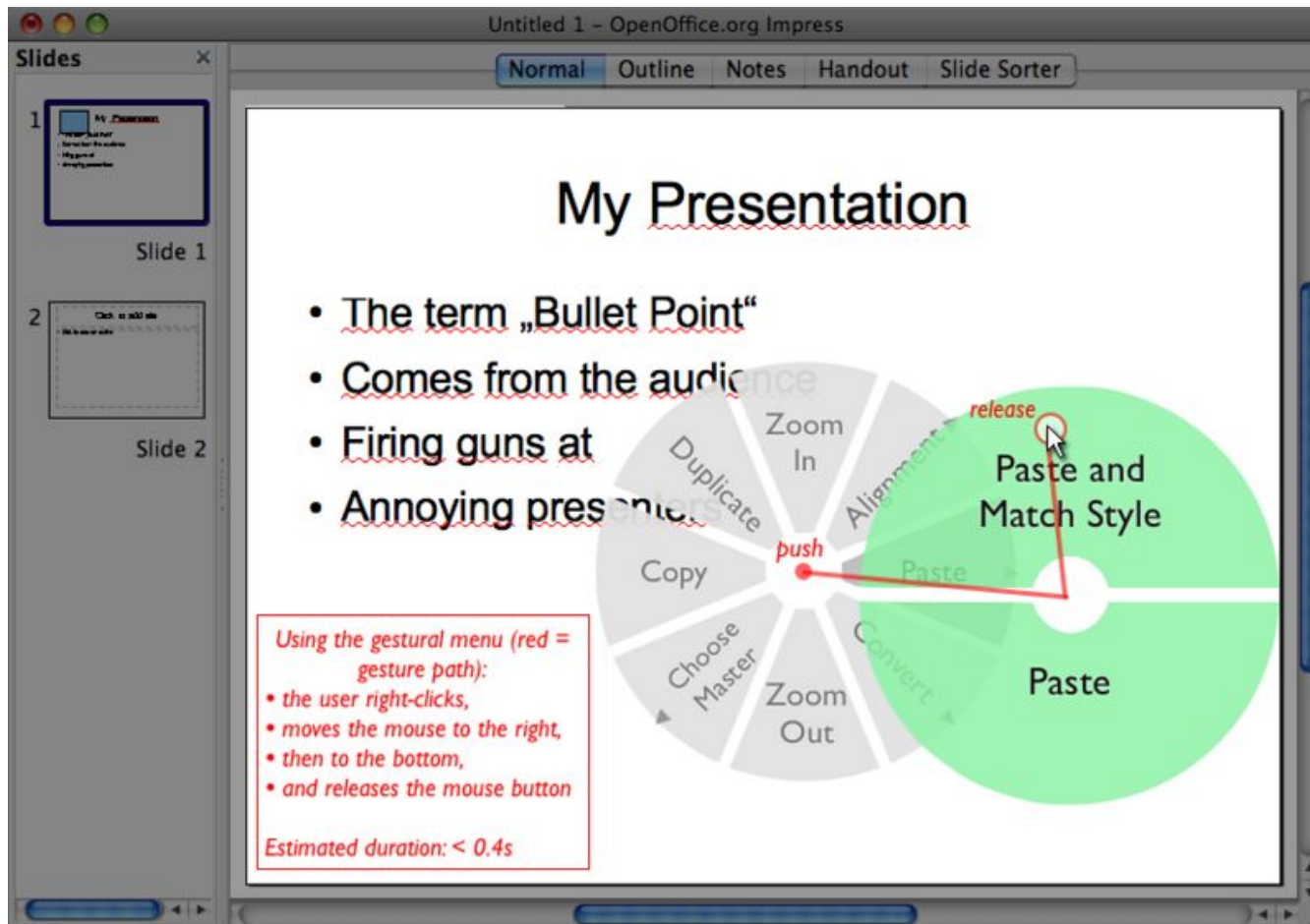
# Design Phase – Proposal Overview

## > Ajay Shyanbhog - “Hybrid UI” (16:9)



# Design Phase – Proposal Overview

## > Andreas Schuderer - “Habituating Interaction”



The screenshot shows the OpenOffice.org Impress application window. The title bar reads 'Untitled 1 - OpenOffice.org Impress'. The 'Slides' panel on the left shows two slides: 'Slide 1' and 'Slide 2'. The main slide area displays the title 'My Presentation' and a bulleted list:

- The term „Bullet Point“
- Comes from the audience
- Firing guns at
- Annoying presentations

A gestural menu is overlaid on the slide content. It consists of a central red dot with a red line extending from it, ending in a mouse cursor icon. The red line is labeled 'push' near the center and 'release' near the cursor. The menu is divided into several segments, each containing a command:

- Zoom In
- Alignment
- Paste and Match Style
- Paste
- Convert
- Zoom Out
- Choose Master
- Copy
- Duplicate

A text box in the bottom left corner explains the gesture:

Using the gestural menu (red = gesture path):

- the user right-clicks,
- moves the mouse to the right,
- then to the bottom,
- and releases the mouse button

Estimated duration: < 0.4s

# Design Phase – Outcome

- Now we know how the new UI will **not** (exactly) look like ;-)
- But we have tons of new ideas
- Community participation
- And Visibility!

# Design Phase – Annotations

- We are looking for a **general OOo UI proposal**
- Focus on Impress because (effort vs. benefit)
  - > Data shows that it is a valuable application
  - > Data shows that demand for improvement is rel. high
  - > Data shows that improvement would facilitate adoption
- Proposal phase has been extended one time
- **17 proposals** have been submitted
  - > Very detailed proposals!
  - > High effort to create such proposal

# Design Phase – Lessons Learned

- What went well
  - > Well coordinated work between all members of UX
  - > Visible, transparent and well documented
  - > Involvement and motivation of UX community
- What went not that well
  - > Research phase was not finished accordingly
  - > We concentrated too little on analysis of data that can guide design decisions
  - > We jumped right into creating detailed solutions

## III. What's Next

# What Comes Next

- Take a deep breath
  - > Step back and look at everything we have
- Be creative
  - > Find interesting, odd, controversial combinations of ideas
- Bring them to life
  - > Agile development of mid-fidelity prototypes
- Validate! Validate! Validate!
  - > Get feedback from “Average Joe” & his friends
- Iterate
  - > Learn and improve (GoTo:Take a deep breath)

# What Comes Next – In Parallel

- Visual Design
  - > Design of an appealing visual user interface
- Support a students project at UOS
  - > Bring the project on OpenOffice.org Renaissance Wiki
  - > Assist with literature, advice and review
- Connect and collaborate with Netbeans UX
  - > Prepare an agenda for the visit
  - > Prepare a Design Research workshop
- Keep up the transparency and documentation
  - > Blog and communicate on UX/UI lists



# Q&A



**Thanks**